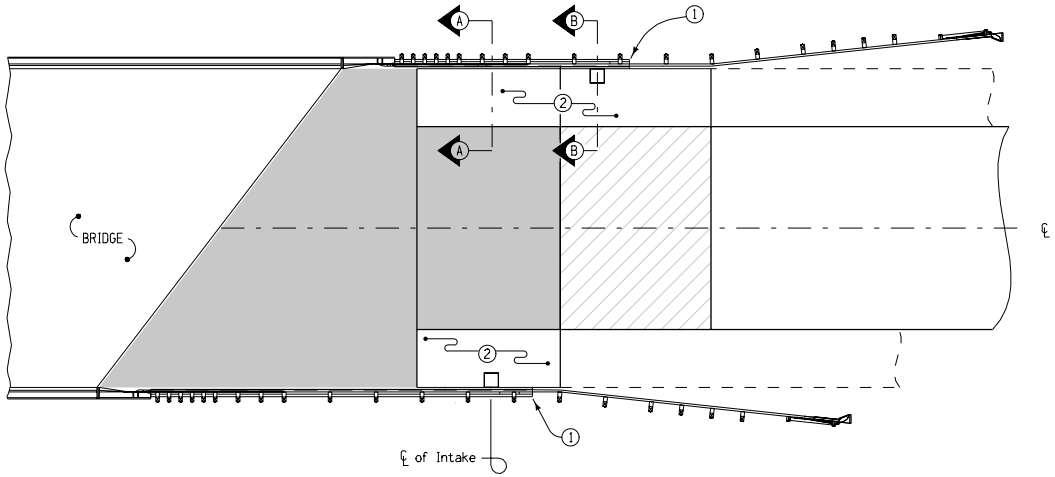


PLAN VIEW

GENERAL NOTES:

Intake shall be located 1.5 meters or more from the nearest transverse pavement joint. Joints are determined by the Bridge Approach Section.

Price bid for "Bridge End drain, RF-38" shall be considered full compensation for furnishing, installing, and constructing the Bridge End Drain as shown.

Contract Items:

Paved Shoulder, P.C. Concrete
Bridge End Drain, RF-38
Corrugated Pipe Culvert, 300 mm
Apron, Metal, 300 mm

Incidental to Paved Shoulder:

Modified Subbase
Polymer Grid

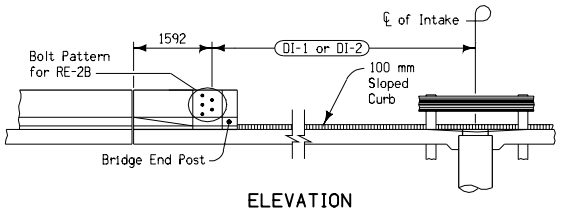
Incidental to Bridge End Drain:

Cast iron grates, frames, and settlement collars
Excavation, backfill, and special shaping for intake
Excavation and backfilling of trench for outlet pipe

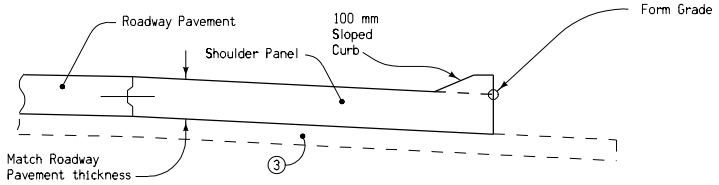
(1) Build 100 millimeter Sloped Curb 1.5 meters beyond centerline of intake.

(2) Paved shoulder panel will be paid for as "Paved Shoulder, P. C. Concrete".

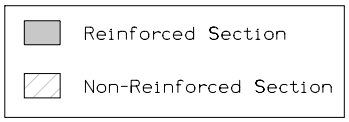
(3) Modified subbase and polymer grid shall be installed under shoulder panels as shown in Section A–A or D–D on Standard Road Plan RK–20(3) or RK–23.

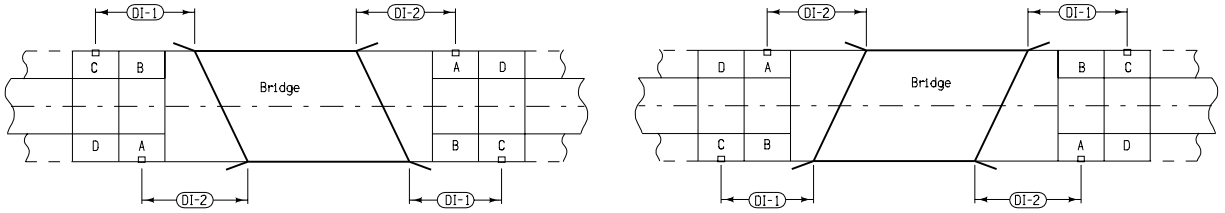


ELEVATION



SECTION A-A
(Shoulder Panel)





PANEL LOCATIONS

For panel locations for specific projects, see "Tabulation of Bridge End Drain".

For Section B-B, see Standard Road Plan RF-38(2).

All dimensions given in millimeters unless noted.

M METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN **RF-38(1)**

REVISION: Revise Bridge Approach Section and General Notes.

REVISION NO. 5

REVISION DATE 04-20-04

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

INTAKE FOR
BRIDGE END DRAIN
(SHEET 1 OF 2)